Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

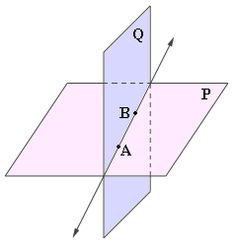
Practice Quiz – Unit 1

Intro to Geometry

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**V1**

1. Describe the figure that is created by the intersection of plane

and plane ?

1. Draw and label a figure that that shows this: *(2 pts)*

**intersects plane at point**

1. The figure below shows a bisected angle. If and , solve for and find . *(3 pts)*

2

1

4.) Use the figure below to solve for . *(2 pts)*

a.)

109o

6x-11

b.)

c.)

d.)

1. Use the figure below to solve for . *(2 pts)*
2. If , then which must be true about the figure below? *(2 pts)*

A

B

C

D

: is a bisector.

: is a right angle.

: is twice as large as .

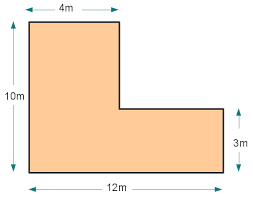
a.) only b.) only c.) only d.) and e.) , , and

1. The midpoint of *AB* is *M*. If *A* is at and *M* is at find *B*.
2. Given points and .

a.) Find the length of . Leave your answer as a root. *(2 pts)*

b.) Find the midpoint of . *(2 pts)*

1. Jayla bikes 3 miles north, then 4 miles west, then 6 miles north, then 1 more mile west, then gets on a trail that takes her straight back to her starting point. How far has Jayla biked total? (Leave your answer as a decimal.) *(3 pts)*
2. Use a protractor to measure the angle below accurate to within . *(2 pts)*
3. Which of the following correctly describes the area of the shape below? *(2 pts)*



1. *(4 pts each)*

Determine the perimeter and are of the shape to the left.

1. Determine the area of the shape below. *(3 pts)*

